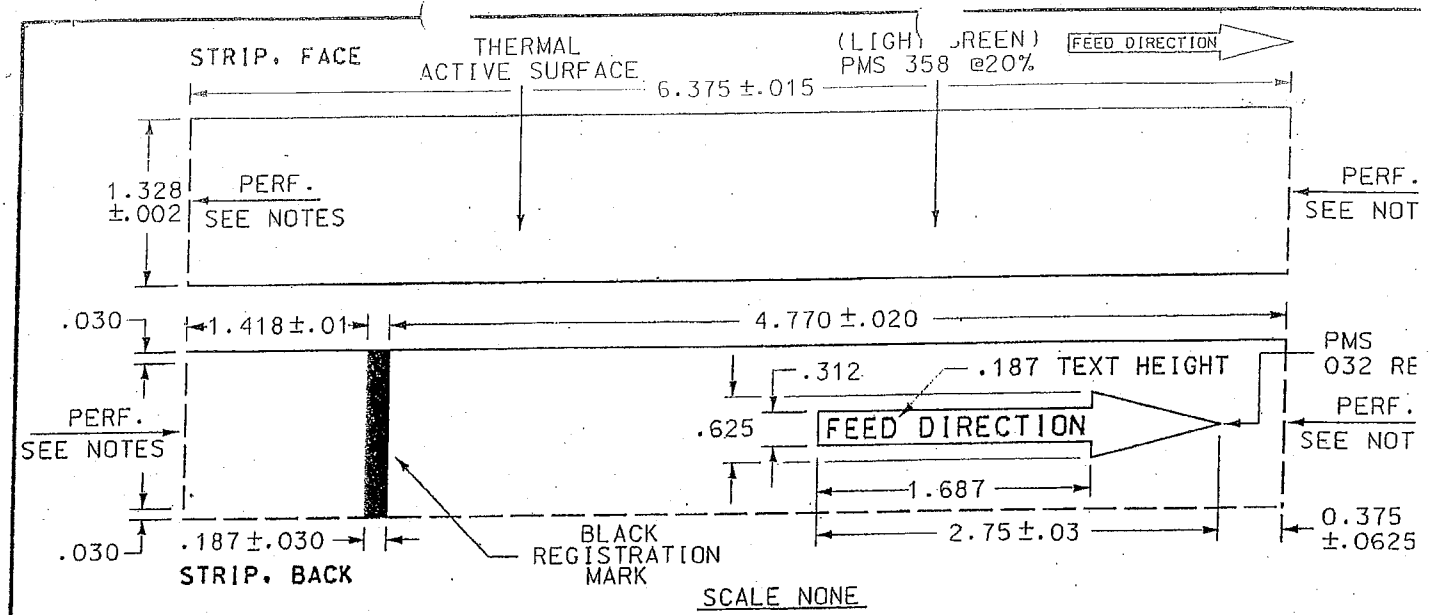


SCALE NONE

GENERAL: The THERMAL FLIGHT STRIPS shall be produced in a continuous, fan folded manner. Each FLIGHT STRIP shall be separated by a perforation. The splicing of strips, by adhesive tape or any other method, is not permissible. The THERMAL FLIGHT STRIP shall meet the specification FAAD-F-1374; and, the dimensions specified in this drawing.

1. **MATERIAL:** Thermal Tag Stock-HS 7 (top coated).

   FINISH: Non-glare, non-reflective, uniform smoothness, and uniform color.

   FACE: (Thermally Active Side): Tinted Light Green, Pantone Matching System (PMS) #358 @ 20% Screen. The FAA will provide a sample of desired color.

   IMAGE COLOR: Black

   FLOODCOAT: None

   COLOR - Back: White

   FEED DIRECTION ARROW: PMS 032 RED printed on back in accordance with dimensions on the drawing.

   REGISTRATION MARK: Black REGISTRATION MARK printed on back in accordance with dimensions listed on the drawing.

2. **FOLD PERFORATION:** The perforation shall be made from the face of the FLIGHT STRIP. The perforation must end at a distance of .03 inches (0.762mm) from each side.

   - **CONFIGURATION:** 8 TPI (teeth per inch) /.039 inch tie.
   - **CUT/TIE RATIO:** 2.2:1

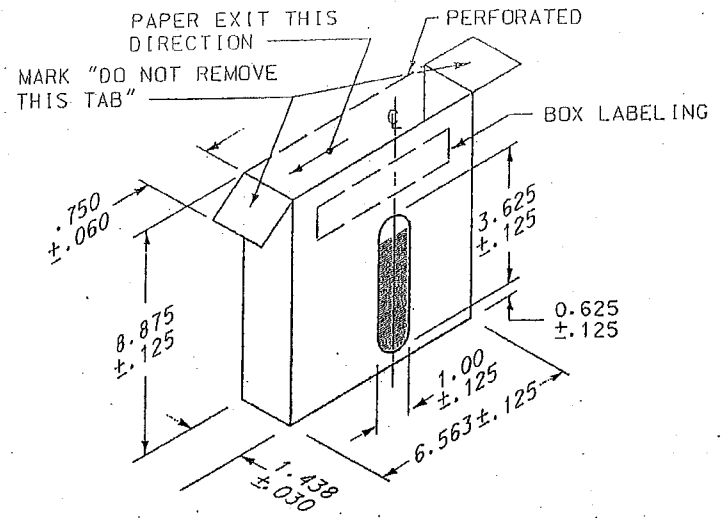
3. **PAPER SPECIFICATIONS** are detailed in FAAD-F-1374. Salient data is summarized below:
   a. THICKNESS (Caliper) OF PAPER. 7.48 Mils; RANGE: 6.88-8.08 Mils.
   b. LENGTH (Inch) : 6.375 Inches; RANGE:6.36-6.39 Inches.
   c. WIDTH (Inch): 1.328 Inches; RANGE: 1.326-1.33 Inches.
   d. WEIGHT (g/m2) (24x36-500 sheets): 184 g/m2: RANGE: 169-199 g/m2
   e. INITIAL ACTIVATION TEMPERATURE: 183° F/84° C.
   f. OPTIMUM ACTIVATION TEMPERATURE: 203° F/95° C.
   G. **SHELF LIFE:** Three (3) years when stored under the following conditions:
      1. Product must be kept dry and out of direct sunlight
      2. Storage temperature is maintained below 110 degrees fahrenheit
      3. Humidity range is maintained at less than 85% RH
   h. IMAGE DENSITY: 1.40 Minimum (ODU)

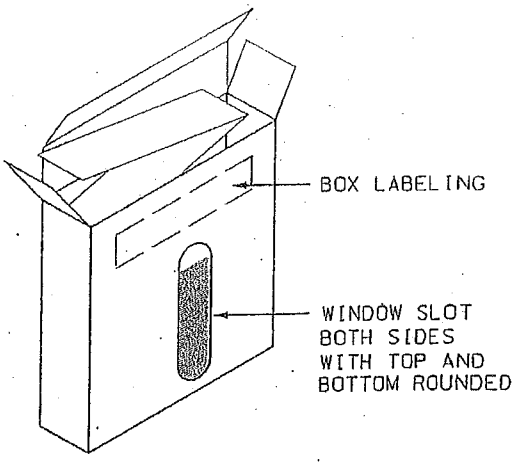
THIS DRAWING IS NOT DRAWN TO SCALE.
IT IS INTENDED FOR REFERENCE ONLY
DO NOT SCALE

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MIKE MONRONEY AERONAUTICAL CENTER — OKLAHOMA CITY, OKLA.

DISPLAY SYSTEM REPLACEMENT (DSR)
THERMAL FLIGHT STRIPS
STRIP DIMENSIONS

REVIEWED BY	DESIGNED BY	SUBMITTED BY	APPROVED BY
		Reg Ramoly G. RAMOLY	Reg Ramoly G. RAMOLY
	DRAWN BY R.W.	ISSUED BY FAALC AML-5000	DATE 07/03/01
	CHECKED BY		DRAWING NO. DE-A-3425-1





PAPER BOX SHOWN WITH TOP COVER OPEN

GENERAL: Each paper box of THERMAL FLIGHT STRIPS shall hold 1,000 +/- 50 continuous strips, which are individually folded and perforated, at the ends of each strip. There shall be no breaks in the stack and splicing is not permitted. There shall be no noticeable curl to the paper. The dimensions of the paper box are illustrated in this drawing.

BOX CONSTRUCTION AND PACKAGING: Construction of the box and packaging of the THERMAL FLIGHT STRIPS shall meet the following requirements:

1. The top cover of the paper box shall be perforated as shown. This will allow the top cover to be removed before the THERMAL FLIGHT STRIPS are loaded into the printer. The two (2) end tabs shall not be perforated.
2. The front tab of the box shall bend down to allow the THERMAL FLIGHT STRIPS to exit freely over the box edge.
3. The THERMAL FLIGHT STRIPS shall be properly loaded and oriented such that:
   a. The FLIGHT STRIP exits over the bent over front tab.
   b. The Thermally active (green) side is facing up as the FLIGHT STRIP exits the box.
   c. The black registration mark on the rear side of the FLIGHT STRIP shall be towards the trailing edge of the strip as the paper exits the box.
4. There shall be a window constructed on each side of the box to allow personnel to visually monitor the amount of FLIGHT STRIPS remaining in the box during printer operation. Details are as illustrated.
5. Boxes shall be constructed of single-wall domestic class corrugated fiberboard as defined by Federal Specification ASTM-D-5118/5118M. DO NOT USE STAPLES.

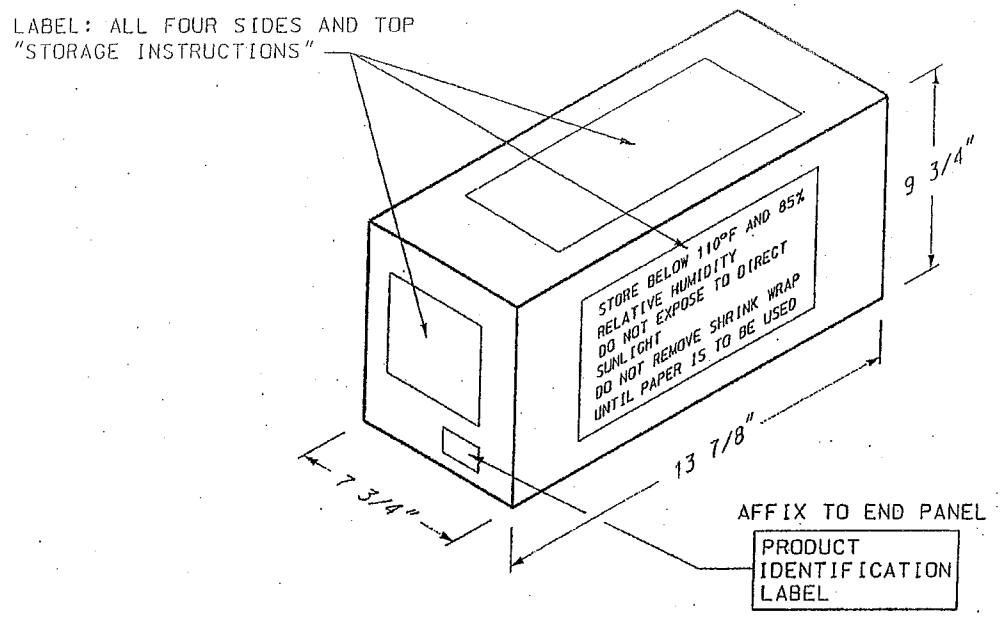
BOX LABELING: THE BOX SHALL BE LABELED AS FOLLOWS:

1. "THERMAL FLIGHT STRIP, DSR",
2. "Part Number: _____",
3. "CAGE Code: _____", and
4. "Expiration Date: _____ , (mm/yyyy), shall be marked on each box of paper. Location of label is noted on this drawing.
5. The two end tabs at the top of the box shall be marked " DO NOT REMOVE TAB".

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MIKE MONRONEY AERONAUTICAL CENTER — OKLAHOMA CITY, OKL

DISPLAY SYSTEM REPLACEMENT (DSR)
THERMAL FLIGHT STRIPS
PAPER BOX CONSTRUCTION

REVIEWED BY	DESIGNED BY	SUBMITTED BY G. RAMOLY	APPROVED BY G. RAMOLY
	DRAWN BY R.H.	ISSUED BY FAALC AML-5000	DATE 07/05/01
	CHECKED BY		DRAWING NO. DE-A-3425-2



SHIPPING CARTON CONSTRUCTION AND LABELING

GENERAL: Shipping cartons shall contain ten (10) boxes of individual stacks of 1,000 contiguous fanfold THERMAL FLIGHT STRIPS.

GRADE SIZE: Cartons shall be constructed of material that meets or exceeds the 32-pounds/inch Edge Crush Test (ECT). Reinforced tape shall be placed on all outside closures. DO NOT USE STAPLES.

LABELING: Shipping cartons shall be marked in characters of one-half (1/2") inch up to (1") inch high on all four (4) sides and the top as follows:

1. "STORE BELOW 110°F AND 85% RELATIVE HUMIDITY"
2. "DO NOT EXPOSE TO DIRECT SUNLIGHT"
3. "DO NOT REMOVE SHRINK WRAP UNTIL PAPER IS TO BE USED"

PRODUCT IDENTIFICATION LABEL: The shipping carton shall have a "Product Identification Label" affixed to the end panel that contains the following required data:

Contract Number: _____

THERMINAL FLIGHT STRIP. DSR

Contractor's part number: _____

NSN: 7530-01-450-6963

Quantity: 10,000 strips

Production Date: _____ (MM/DD/YY).

Expiration Date: _____ (MM/DD/YY).

Carton Number: _____ of _____

Characters shall be at least one-eight (1/8") inch high.

SHRINK WRAPPING OF SHIPPING CARTONS: Shipping cartons shall be individually shrink wrapped and sealed prior to palletizing for shipment in order to prevent the entrance of moisture into the THERMINAL FLIGHT STRIP paper. All markings required in the previous paragraphs shall be of a contrasting color that is visible and readable through the outer shrink wrap.

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MIKE MONRONEY AERONAUTICAL CENTER — OKLAHOMA CITY, OKLA

DISPLAY SYSTEM REPLACEMENT (DSR)
THERMAL FLIGHT STRIPS
SHIPPING CARTON CONSTRUCTION

REVIEWED BY	DESIGNED BY	SUBMITTED BY	APPROVED BY
		G. RAMOLY	G. RAMOLY
	DRAWN BY R.H.	ISSUED BY FAALC AML-5000	DATE 07/06/01
	CHECKED BY		DRAWING NO. DE-A-3425-3